

TOTO

TOTO U.S.A., Inc.

Warranty Registration and Inquiry
For product warranty registration, TOTO U.S.A. Inc. recommends online warranty registration. Please visit our web site <http://www.totousa.com>. If you have questions regarding warranty policy or coverage, please contact TOTO U.S.A. Inc., Customer Service Department, 1155 Southern Road, Morrow, GA 30260 (678) 466-1300 or (888) 295-8134 when calling from outside of U.S.A.

- You are advised to record the following information to allow quick service.

Date of Purchase:	Name of Store:
	Phone: ()

2024.4
0IM147501

TOTO

Instruction and Owner's Manual


Auto Flush Urinal UE906 Series

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View Video

Installation and Adjusting the Urinal

<https://vimeo.com/850235113?share>





* Communication fees may apply.
* May not be available for some usage environments.

Please keep the installation and owner's manual for later use

Safety Precautions Always observe these warnings



Before use, read these "Safety Precautions" carefully to ensure proper use of the product.

- After reading these precautions, keep them in a place where they can be referenced at any time by users of the product.
- This manual uses various symbols to provide guidance to use safely the product and to prevent injury to customers or other people and damage to property. The symbols and their meanings are as follows.

 WARNING	This indicates that misoperation could result in death or serious injury.
 CAUTION	This indicates that misoperation could result in injury or property damage.



* "Property damage" refers to damage extending to the home/household property and domestic animals/pets.

The following symbols are used to classify and explain instructions that must be followed.


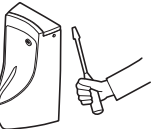



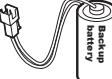
	⊘ indicates a prohibited use of the product. The symbol to the left indicates that disassembly is prohibited.
	ⓘ indicates a required step in the use of this product. The symbol to the left indicates an action is "Required."

The product may be slightly different in shape than the product shown in figures, depending on the part number.

WARNING

 Prohibited near water	Never use the product in a wet place, such as near a bathtub or shower, where condensation may form on the surface. Doing so may cause a malfunction.	
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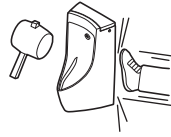
WARNING

 Do not disassemble	Do not disassemble or modify the product except as specified in this manual Doing so may cause problems such as water shutoff, defective water spraying, or damage to the product, which could result in injury or damage to property, such as household belongings, caused by water leaks.	
 Prohibited	Do not wash the entire product with water Doing so may cause a malfunction.	
	Do not charge, disassemble, modify, alter, forcibly discharge, heat the backup battery, or dispose of the backup battery in a fire Doing so may cause the battery to leak fluid, burst, or ignite.	
	Do not use a battery other than the dedicated backup battery that is included Doing so may cause a malfunction.	

⚠ CAUTION

Do not subject the urinal to strong force or impacts

Doing so may damage the urinal, which could result in injury or damage to property such as household belongings caused by water leaks.



If the urinal is cracked or broken, never touch the damaged parts or use the urinal

Doing so may cause injury from the damaged parts. Replace the urinal the earliest.



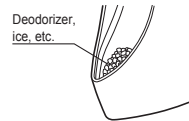
Do not pour hot water into the urinal

Doing so may damage the urinal, which could result in injury or damage to property such as household belongings caused by water leaks.



Do not place objects in the bowl

Doing so may block the drainage route and cause flushed water to overflow from the urinal, which could result in damage to property, such as household belongings.



Prohibited

⚠ CAUTION

Make sure to wipe any urine, condensation, detergent, water, or other liquid that gets on the floor, clean with a well-wrung cloth

Leaving it on the floor may cause stains or decay in the floor.



If condensation forms on the surface of the urinal or other places, wipe it clean with a dry cloth

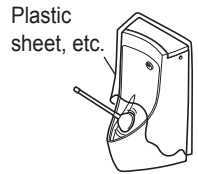
Leaving it unattended may cause stains in the floor.
* Ventilating the room with a fan or opening windows can prevent condensation to form.



Required

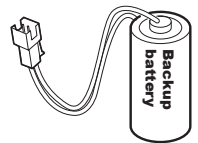
If the urinal is clogged, make sure to close the shutoff valve before unclogging the urinal with a commercially available tool such as a plunger

Flushing the urinal when it is clogged may cause waste water to overflow, which could result in damage to property, such as household belongings.



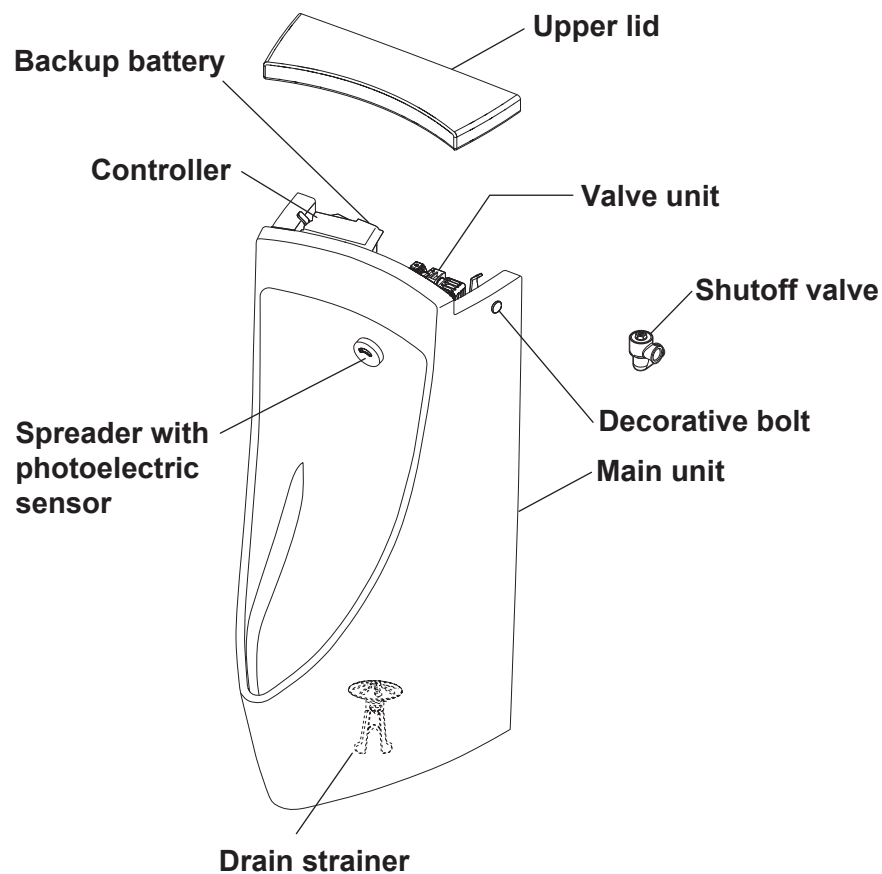
Before using the backup battery in this product or when removing it from this product for storage, store it in a cool, dry, and well-ventilated location

Failure to do so may adversely affect the performance of the backup battery.



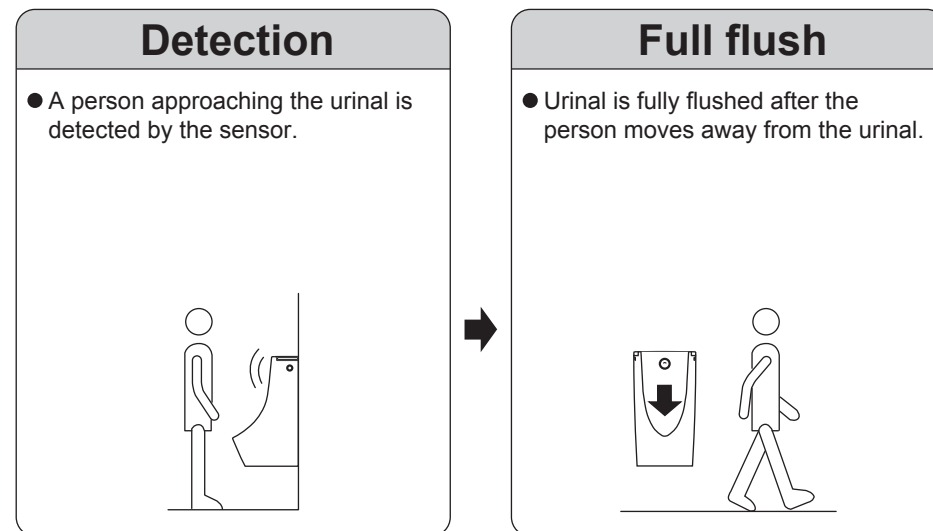
Names of Parts

Wall mounted urinal



Mechanism of Operation

The automatic flush operation of this product is described below.



Mechanism of Operation

This product has the following automatic flushing functions.

<Intermittent flushing>

This function detects the outside air temperature and intermittently flushes the urinal to prevent freeze damage due to sudden winter temperature drops.

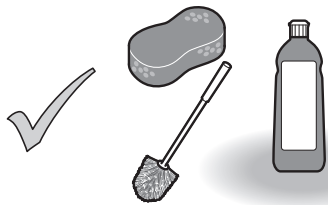
<Protective flushing>

This function flushes the urinal once every 12 hours to prevent drying of the strainer and discharge pipe when the urinal has not been used for an extended period of time.

CAUTION Make sure to use the drain strainer included with the product. Using another drain strainer may reduce the flushing ability of the product and adversely affect the cleanliness.

Maintenance

Bowl Unit



- Cleaning sponge
- Brush
- Neutral toilet detergent



DO NOT USE

- Strong acidic cleaners or strong alkaline cleaners
- Cleaners containing abrasive compounds
- Fluoride-based detergent (containing hydrogen fluoride or ammonium fluoride)
- Water-repelling cleaner
- Wire brush
- Abrasive nylon scrubbing brush

Daily cleaning

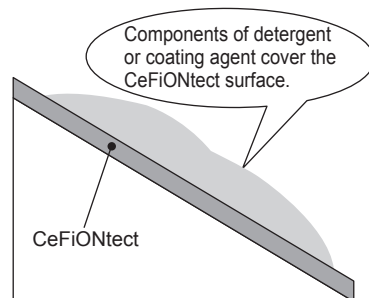
Clean with a cleaning sponge or brush.

About CeFiONtect

CeFiONtect is TOTO independently developed technology where bumps on the porcelain surface are smoothed, making dirt difficult to adhere and easy to remove.

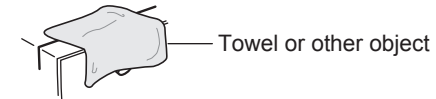
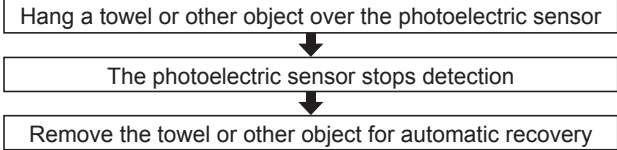
About surface coating agents

Do not use any water repellent, stain-proofing detergent or surface coating agent. These products do not damage the porcelain surface, but their components may cover the porcelain surface and reduce the effect of the built-in stain prevention technology.



Key Advice for Bowl Surface Maintenance

When cleaning the bowl surface, a towel or other object can be used to stop automatic flushing.



⚠ WARNING



Prohibited

Do not wash the entire product with water
Doing so may cause a malfunction.

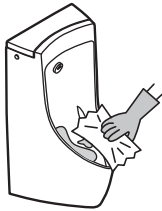
Maintenance of the Urinal

For light stains

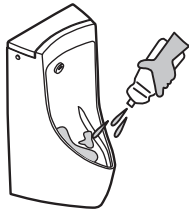
Wash the urinal with water, using a cleaning brush or sponge.

For heavy stains or scale

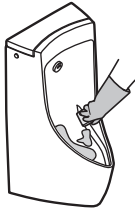
- 1 Wipe away the moisture in the stained area.



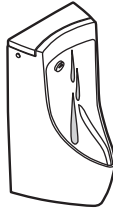
- 2 Directly apply toilet cleaner to the stains.



- 3 Scrub the urinal with a cleaning brush or sponge.



- 4 Wash the urinal with water to complete the procedure.



Maintenance of the Spreader (Main Unit)

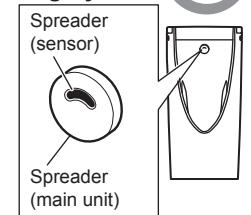
For light stains

Wipe away the stains with a soft cloth that has been soaked in cold or warm water and wrung out thoroughly.



For heavy stains

Wipe away the stains with a soft cloth soaked in appropriately diluted neutral dish-washing detergent. Wipe with a wet cloth and then a dry cloth.



Request

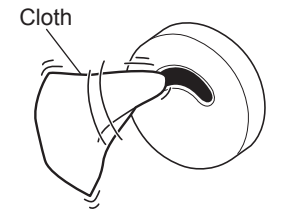
Do not use products that may damage the surface.

Example:

- Acidic detergents, chlorine-based bleaches, alkaline detergents
- Solvents such as thinner or benzene
- Cleaners containing abrasive compounds such as cleanser or scouring powder
- Nylon scrubbing brushes, scouring pads, or wire brushes

Maintenance of the Spreader (Sensor)

Wipe away the stains with a soft, thin cloth that has been soaked in cold or warm water.



- * Be especially careful not to damage the surface of the sensor when performing maintenance. Damage or stains on the sensor surface may cause defective operation.

Request

Do not use products that may damage the surface.

Example:

- Acidic detergents, chlorine-based bleaches, alkaline detergents
- Solvents such as paint thinner or benzene
- Cleaners containing abrasive compounds such as cleanser or scouring powder
- Nylon scrubbing brushes, scouring pads, or wire brushes

Maintenance of the Drain Strainer

- When removing the drain strainer for cleaning, wear rubber gloves.
- When cleaning the drain strainer, use a neutral detergent and soft sponge.

Floor Maintenance

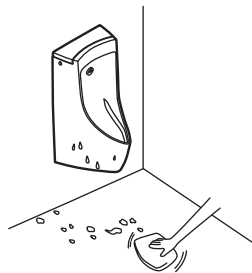
⚠ CAUTION



Required

Make sure to wipe any urine, condensation, detergent, water, or other liquid, that gets on the floor, clean with a well-wrung cloth.

Leaving it on the floor may cause stains in the floor.

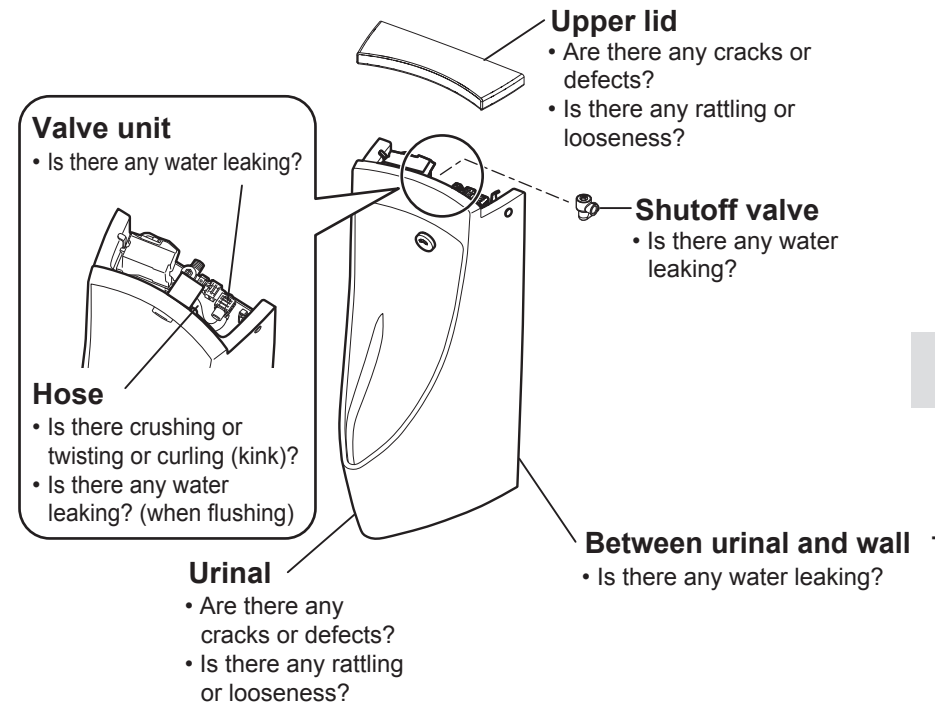


- If urine or condensation runs on the outside wall of the urinal and falls on the floor, wipe it clean with a well-wrung cloth.

- When cleaning, also wipe away any detergent or water that falls on the floor with a well-wrung cloth.

Periodic Inspection

Deterioration that occurs due to extended use of the product may cause safety problems. In order to prevent serious accidents due to deterioration over time and ensure that the product can be used longer, safely, and comfortably, perform the inspection indicated below once a year.



Item Inspected	Inspection Date (year/month/day)			Item Inspected	Inspection Date (year/month/day)		
Urinal	/ /	/ /	/ /	Between urinal and wall	/ /	/ /	/ /
Upper lid	/ /	/ /	/ /	Valve unit	/ /	/ /	/ /
Hose	/ /	/ /	/ /	Shutoff valve	/ /	/ /	/ /

Replacing the Backflow Prevention Mechanism

Make sure to replace the backflow prevention mechanism every six years. Failure to do so may cause water to flow backward into the water supply line and adversely affect people. For inquiries about replacement, see the back cover for details on how to contact us.

Backup Battery Replacement

When Replacing the Backup Battery


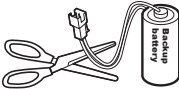
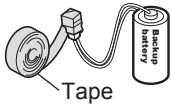
When the backup battery expires, the photoelectric sensor flashes every four seconds and the flushing function stops.



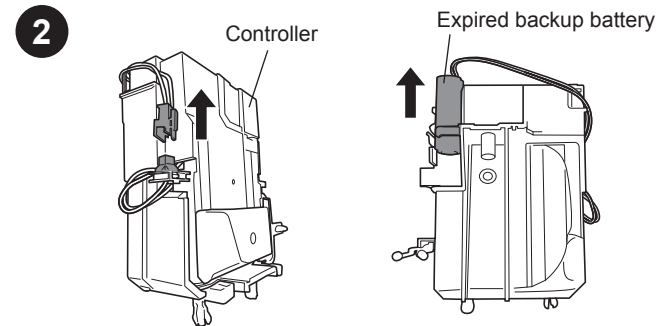
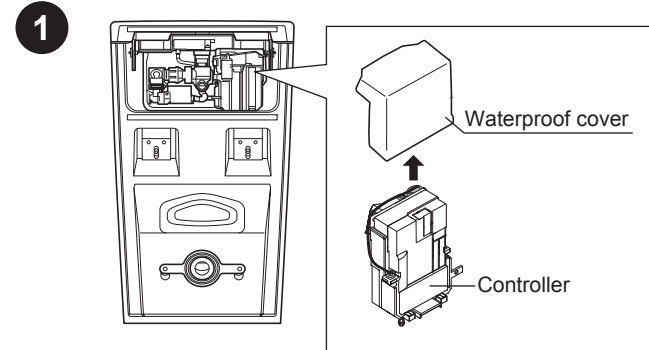
Replacing the Backup Battery

Ask a contractor when replacing the backup battery.

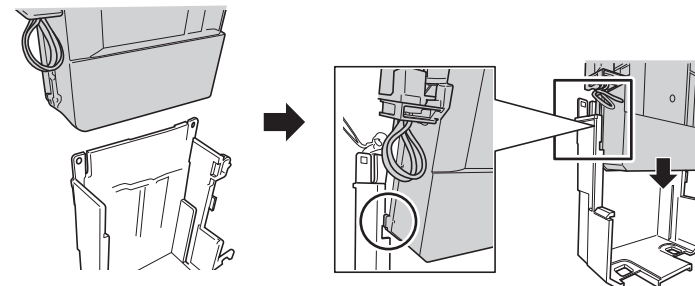
⚠ WARNING

Prohibited	<p>Do not use a battery other than the dedicated backup battery that is included. Doing so may cause a malfunction.</p> 
	<p>Do not cut the electric wire when disposing of the backup battery. Incorrectly disposing of the battery may cause it to short and generate heat, burst, or ignite, which can lead to injury or fire.</p> 
Required	<p>When disposing of the battery, insulate its connectors with tape. Incorrectly disposing of the battery may cause it to short and generate heat, burst, or ignite, which can lead to injury or fire.</p> 

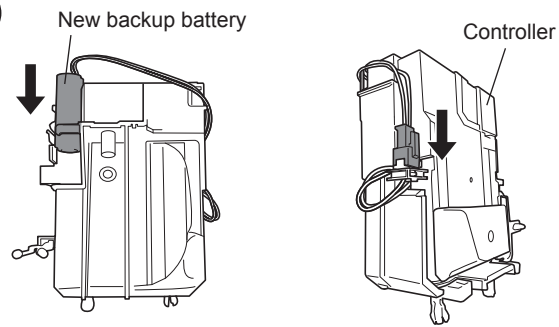
Because the flushing function will stop as soon as the photoelectric sensor starts flashing in 4-second cycle, refer to the following instructions to replace the backup battery.



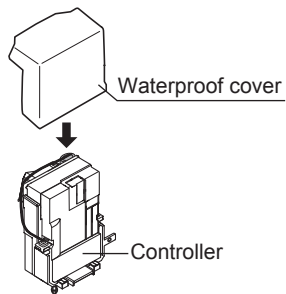
* Reattach the controller (case cover) when it has slid too far up and become detached



3



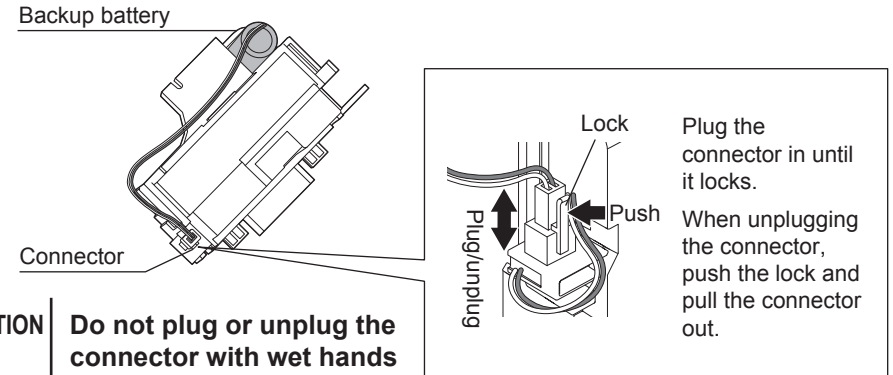
4



[When the sensor does not work immediately after replacing the battery]
 · It may not work for 5 minutes because it is charging.

Plugging/Unplugging the Connector

Ask a contractor when replacing the backup battery.



CAUTION Do not plug or unplug the connector with wet hands. Doing so may cause a malfunction.

Troubleshooting

If a malfunction is suspected, first check to see if the water supply has been cut off. If there is no problem with the water supply, remove the upper lid and inspect the items indicated below. For information on the locations of parts, see "Names of Parts" on P. 6. If the cause of the malfunction is not resolved after performing the inspection or a malfunction is suspected, close the open/close screw of the shutoff valve, then request a repair from the installer or seller where you purchased the product or see the back cover for details on how to contact us.

Before requesting a repair (For information on the names of parts, see P. 6)

Symptom	Situation	Remedy	Reference
The floor is wet	Condensation formed on the urinal is dripping onto the floor.	Wipe away the condensation with a dry cloth, and ventilate the urinal.	P. 12
	Urine that escaped the urinal is dripping onto the floor.	Frequently wipe urine that escapes the urinal, clean with a cloth.	P. 12
Flushed water does not come out or is insufficient	The water filter is clogged.	Clean the water filter.	P. 26
	The shutoff valve is not open.	Open the shutoff valve.	P. 25 to P. 27
Continuously flushing and does not stop.	—	Close the shutoff valve, and request a repair from the installer or seller where you purchased the product or see the back cover for details on how to contact us.	P. 25
Urinal flushes on its own accord.	The urinal flushes when not in use.	The automatic flushing function is activating.	P. 28

Symptom	Situation	Remedy	Reference
The detection LED is lit or flashes	The detection LED flashes during use.	Replace the backup battery. (detection LED flashes every four seconds)	P. 14 to P.16 and P. 28
Parts of the bowl surface are not washed	The bowl surface may be repelling water and not getting wet.	Follow the procedure in "Routine Maintenance" to clean the bowl surface.	P. 8
	—	Follow the above procedure to clean the bowl surface, then fully close the shutoff valve and gradually open the shutoff valve to perform adjustment.	-

Removing/Installing the Upper Lid

Tool Used

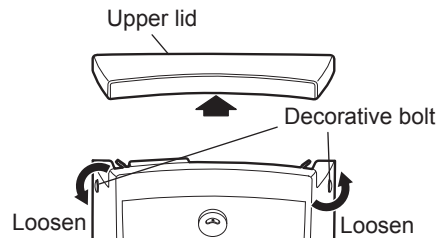


Hex wrench
Nominal diameter
4 mm (5/32")

⚠ CAUTION	
Prohibited	Do not tighten the decorative bolt too strongly Doing so may damage the decorative bolt.
Required	Do not drop the upper lid Doing so may crack or break the upper lid.

Removing the Upper Lid

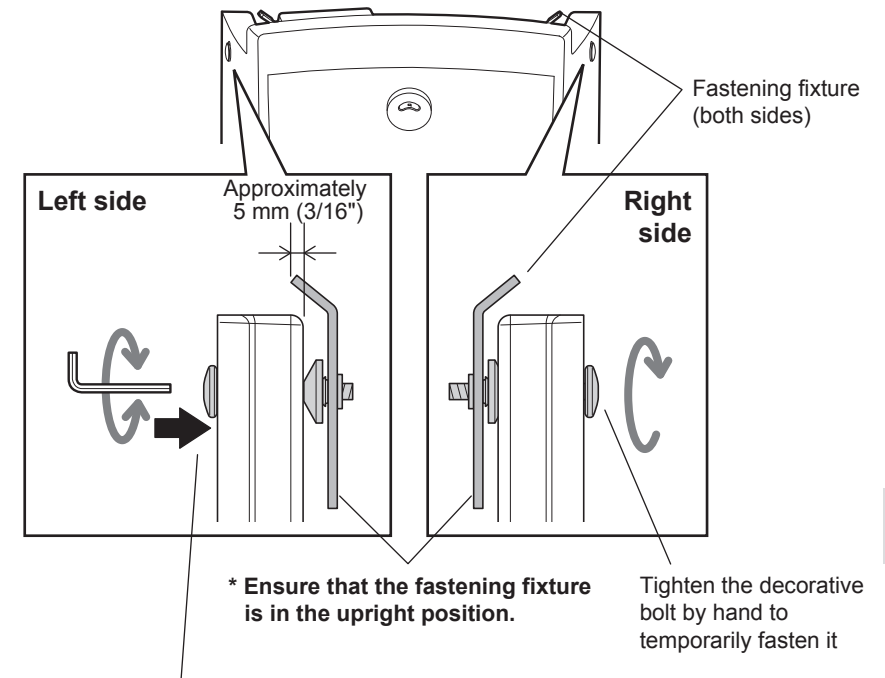
- 1 Loosen the decorative bolts on the left and right by turning them counterclockwise with the hex wrench.
- 2 Push the loosened decorative bolt inside, and lift the upper lid up.



Installing the Upper Lid

- 1 Temporarily fasten the fastening fixture.

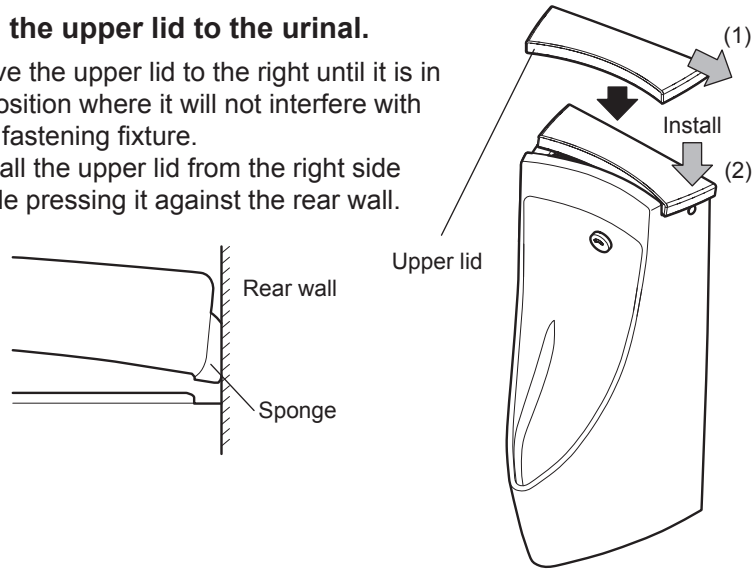
* Approximately 5 mm (3/16") adjustment of the fastening fixture can be performed on either the left or right side. However, make sure to perform the rest of the procedure on the same side. (In the example below, approximately 5 mm (3/16") adjustment is performed on the left side.)



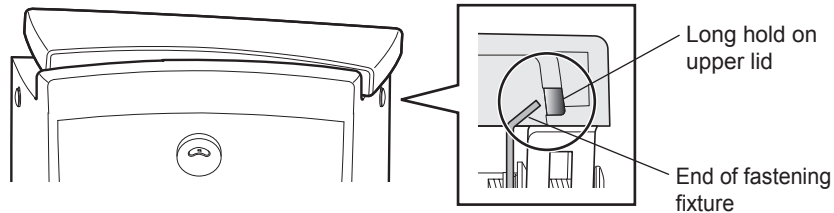
With the head of the decorative bolt pressed against the porcelain, adjust the fastening fixture so that the end of the fastening fixture overlaps with the inside of the porcelain by approximately 5 mm (3/16").

2 Install the upper lid to the urinal.

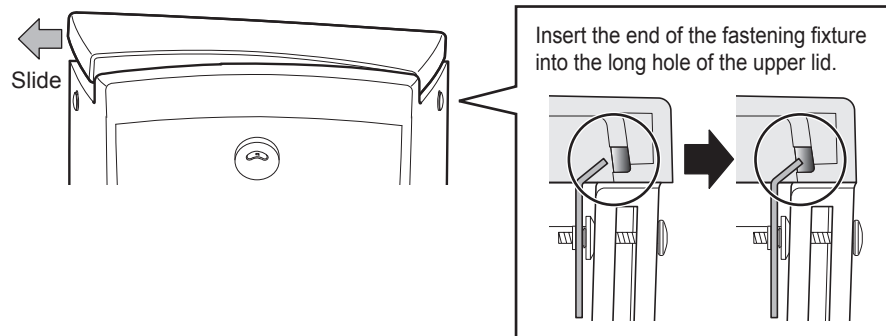
- (1) Move the upper lid to the right until it is in a position where it will not interfere with the fastening fixture.
- (2) Install the upper lid from the right side while pressing it against the rear wall.



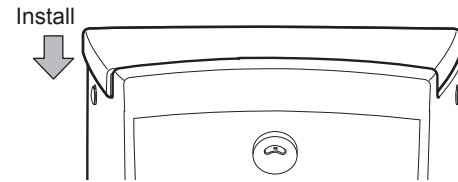
3 Align the end position of the fastening fixture with the long hole of the upper lid.



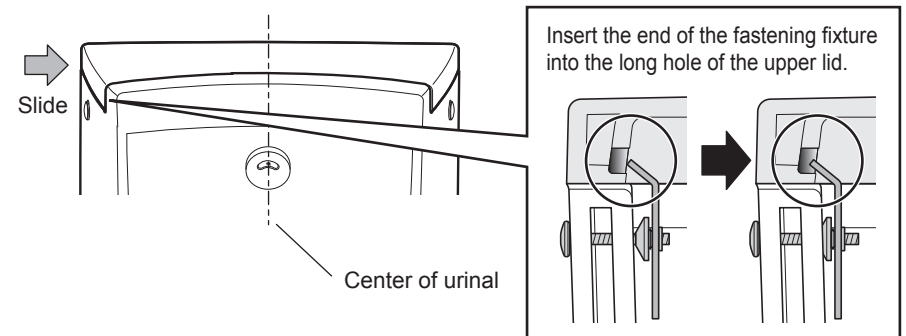
4 Slide the upper lid to the left.



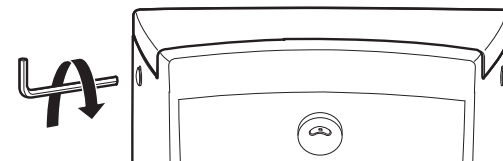
5 Install the left side of the upper lid to the urinal.



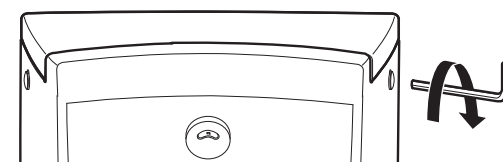
6 Slide the upper lid to the center of the urinal.



7 Fasten the left side of the fastening fixture.

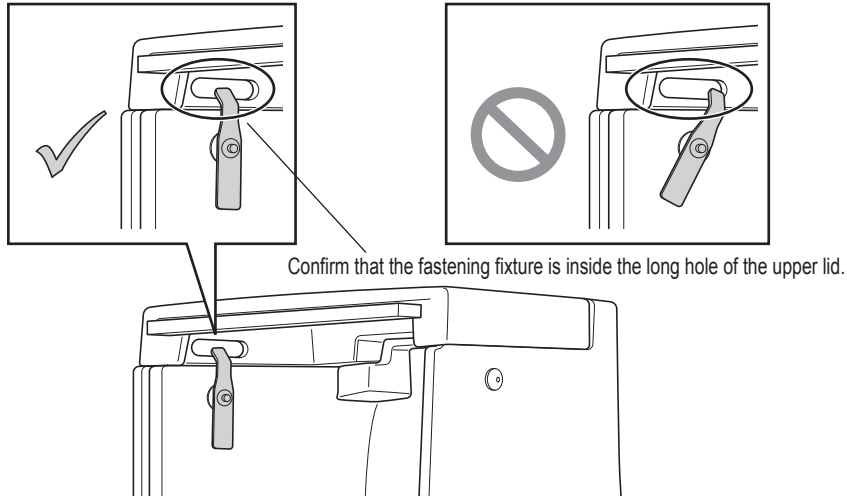


8 Fasten the right side of the fastening fixture.

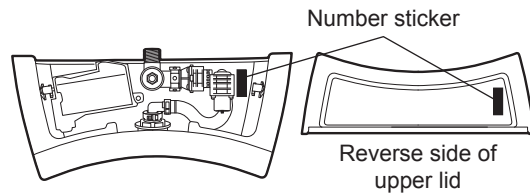


* Confirm that the upper lid does not come off.

Installation Complete



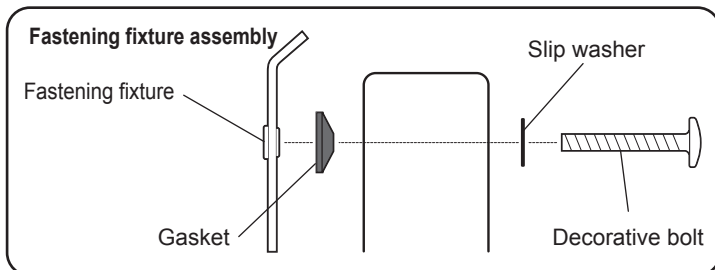
Combination of Upper Lid and Urinal Unit



* Only install the upper lid that came packaged with the unit. The upper lid and urinal unit are manufactured together as a single unit. Using an upper lid other than the one packaged with the unit could cause looseness.

* Use the numbers on the number stickers attached to the storage bottom surface of the urinal unit and the underside of the upper lid to check the combination.

If the Fastening Fixture Becomes Detached

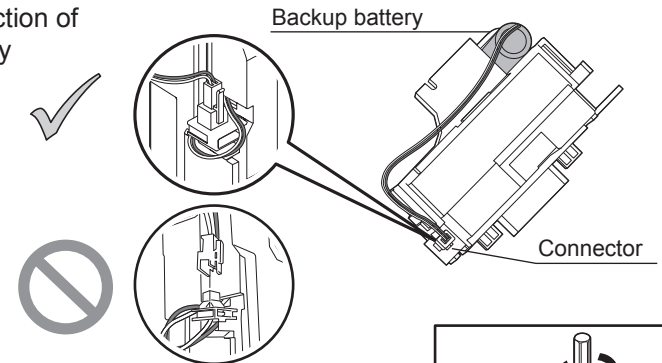


If the fastening fixture becomes detached, refer to the diagram on the left to perform the assembly.

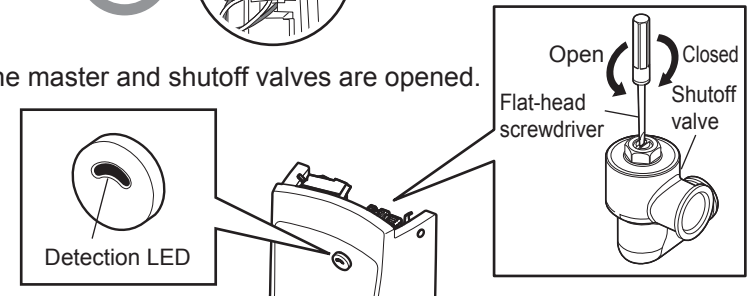
Water does not come out

If the detection LED is flashing or you are not sure if it was flashing

- (1) Check the connection of the backup battery connector.



- (2) Make sure the master and shutoff valves are opened.

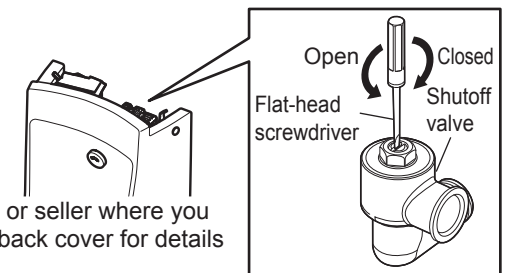


* If water still does not come out, use a flat-head screwdriver to close the shutoff valve, then request a repair from the installer or seller where you purchased the product or see the back cover for details on how to contact us.

Water does not stop

Close the shutoff valve or master valve before performing the procedure.

Use a flat-head screwdriver to close the shutoff valve.



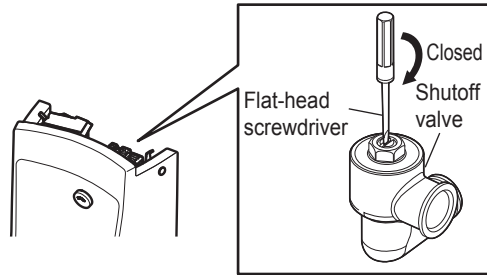
* Request a repair from the installer or seller where you purchased the product or see the back cover for details on how to contact us.

Close the shutoff valve or master valve before performing the procedure.

Flushed water is insufficient

CAUTION If flushed water is insufficient, adjust the shutoff valve. A lack of flushed water may reduce the flushing ability of the product and adversely affect the cleanliness.

- 1** Confirm that flushed water does not come out when the urinal performs a flushing operation after detecting your hand.

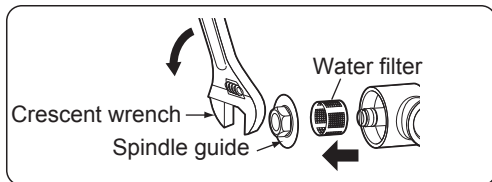


- 2** Swipe the sensor with your hand to release the pressure in the water supply pipe. (A small amount of water will be emitted from the spreader.)



* If the internal pressure is not released, water may spray out when the spindle guide is removed.

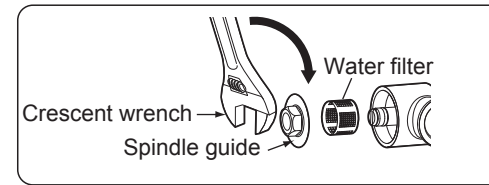
3



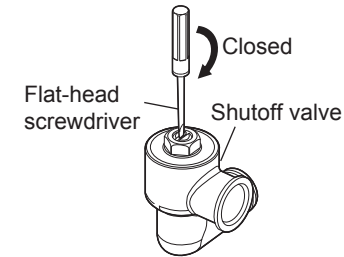
4



5



6



* If the amount of water is still not appropriate, request a repair from the installer or seller where you purchased the product or see the back cover for details on how to contact us.

The Detection LED Is Lit or Flashes

<When the product is being used>

- Detection LED is not lit

<When the backup battery expires>


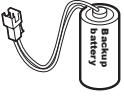
- Detection LED flashes every four seconds

<When power is turned ON (for 10 minutes only)>

- Detection LED flashes

- * The product cannot be used for 5 minutes after connecting the backup battery.
- * For a 10 minute period after 5 minutes have passed since connecting the backup battery, the detection LED flashes when the photoelectric sensor detects an object so that the detection status can be checked. The detection LED does not flash even when it detects something after this 10 minute period.

Replacement Parts

Part Name	Drain strainer	Backup battery (dry cell)
Appearance		

To purchase replacement parts, see the back cover for details on how to contact us.

Water Flushes on Its Own Accord

This product has the following automatic flushing functions.

<Intermittent flushing>

This function detects the outside air temperature and intermittently flushes the urinal to prevent freeze damage due to sudden winter temperature drops in normal regions.

- * If the frequency that the water flushes on its own accord differs from the automatic flushing functions, see the back cover for details on how to contact us.

<Protective flushing>

This function flushes the urinal once every 12 hours to prevent drying of the strainer and discharge pipe when the urinal has not been used for an extended period of time.

After Sales Service

Before requesting a repair, see "Troubleshooting" on P. 18!

Part Replacement

- Parts and products removed during a free repair are the property of TOTO U.S.A. Inc.

Minimum Retention Period for Maintenance Parts

- The maintenance parts*1 of this product will be retained for a maximum of 7 years after the product is discontinued.
- *1 Parts that are essential for maintaining functionality and highly likely to require replacement during the usage period of the product
- * The product may not be able to be repaired after the retention period for maintenance parts has elapsed.
- * Note that substitute parts (parts with different specifications, shapes, or materials) may be provided, even during the retention period.

When Requesting a Repair

[Where to request a repair]

Request a repair from the installer or seller where you purchased the product or see the back cover for details on how to contact us.

Specifications

Type	Wall mounted	
	Self-generating	
Part number	UE906UVG	UE906EVG (For Mexico Sale Only) (Custom Made Order for US)
Dimensions mm (") W x D x H	380 x 390 x 690 (14-15/16 x 15-3/8 x 27-3/16)	
Power supply	Self-generating	
Operating temperature	0 to 40°C	
Detection distance	Automatically adjusted at 650 mm (25-19/32") or less * Cannot be installed where there is less than 650 mm (25-19/32") between the sensor and the wall	
Required detection time	Approx. 5 seconds or longer opposite (no detection with less than 5 seconds)	
Water supply pressure	15 psi (flowing) to 80 psi	
Standard flush volume	0.125 GPF (0.473 LPF)	0.5 GPF (1.9 LPF)
Protective flushing	0.125 GPF (0.473 LPF) every 12 hours	0.5 GPF (1.9 LPF) every 12 hours
Water supply connection	15 A (NPT1/2)	
Water used	Tap water/recycled water	